620-196 HP/FP6055933 Nixon & Vanderhye P.C. (10/99) (Domestic Non-Assigned/Foreign) Page 1

RULE 63 (37 C.F.R. 1.63) INVENTORS DECLARATION FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

THERAPEUTIC DELIVERY OF CARBON MONOXIDE TO EXTRACORPOREAL AND ISOLATED ORGANS the specification of which (check applicable box(s)): is attached hereto was filed on was filed on su U.S. Application Serial No. Was filed as PCT International application No. PCT/GB2003/005050 on 20/11/2003 and (if applicable to U.S. or PCT application) was amended on I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign applications) for patent or inventor's certificate below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application owhich priority is claimed or, if no priority is claimed, before the filing date of this application. Priority Foreign Application(s): Application Number Country GB Day/Month/Year Filed 20/11/2002 I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States provisional application(s) listed below. Application Number Date/Month/Year Filed 20/11/2003 I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below: Prior U.S./PCT Application(s): Application Serial No. Errort Reference source not found. PCT/GB2003/005050 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any paten
was filed on as U.S. Application Serial No. (Atty Dkt. No. 620-371) and (if applicable to U.S. or PCT application) was amended on and (if applicable to U.S. or PCT application) was amended on I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate having a filing date before that of the application of which priority is claimed or, if no priority is claimed, before the filing date of this application: Priority Foreign Application(s): Application Number Country GB Day/Month/Year Filed 20/11/2002 I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States provisional application(s) listed below. Application Number Day/Month/Year Filed Prior U.S./PCT Application(s): Application Serial No. Error Reference source not found. Error Reference source not found. PCT/GB2003/005050 Day/Month/Year Filed Status: patented pending, abandoned PCT/GB2003/005050 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 100 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, here
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amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate leaving a filing date before that of the application owhich priority is claimed or, if no priority is claimed, before the filing date of this application: Priority Foreign Application(s): Application Number Country GB Day/Month/Year Filed 0227138.5 I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. Application Number Date/Month/Year Filed I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below: Prior U.S./PCT Application(s): Day/Month/Year Filed Errorl Reference source not found. PCT/GB2003/005050 Day/Month/Year Filed Errorl Reference source not found. PCT/GB2003/005050 Day/Month/Year Filed Errorl Reference source not found. PCT/GB2003/005050 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements may jeopardize the validity of the application or any patent is sued thereon. And on behalf of the owner(s) hereof, I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Riber She Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Larry S. Nixon, 25640; Arthur R. Crawford, 25327; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22
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347/6; Opdeep S. Gill, 3/334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michael N. Lester, 32331; Plank F. Flesta, 19020; Joseph A. Rhoa, 37515; Raymond Y. Mah, 41426; Chris Comuntzis, 31097; Gary R. Tanigawa, 43180. I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions directly communicated from the person, assignee attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).
1 Inventor's Signature: Molle (40 Section Date: 16.06'2005
Inventor: Roberto Angelo MOTTERLINI Italian
(first) MI (last) (citizenship)
Residence: (city) Middlesex (state/country) United Kingdom
Mailing Address: Department of Surgical Research, Northwick Park Institute for Medical Research, Watford Road, Harrow,
(Zip Code) HA1 3UJ
2. Inventor's Signature: Brian Evnet Mara Date: 23/6/05
Inventor: Brian Ernest MANN British
Residence: (city) Sheffield (state/country) United Kingdom
Mailing Address: Department of Chemistry, The University of Sheffield, Brook Hill, Sheffield, United Kingdom
(Zip Code) S3 7HF
See attached cheetle) for additional inventoric information

620-371

ASSIGNMENT OF PATENT APPLICATION

Roberto Angelo MOTTERLINI Brian Ernest MANN

(Inventors)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign,

and hereby does assign, transfer and set over to

(Assignees)

Hemocorm Limited

(Address)

(of c/o Bird & Bird, 90 Fetter Lane, London EC4A 1JP, United Kingdom

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for

the country of

(Other Countries) (Title)

in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as

THERAPEUTIC DELIVERY OF CARBON MONOXIDE TO EXTRACORPOREAL

AND ISOLATED ORGANS (Case No. 620-371)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed or has already filed in (on

(U.S. appln. Serial No. , filed on18 May 2005).

The undersigned acknowledges an obligation of assignment of this invention to said

assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that

620-196

	ASSIGNEE'S attorneys Nixon & represent only ASSIGNEE with r		pres	sented only ASSIGNEE and will continue to	
	In witness whereof, execusignature(s).	cuted by the undersigned	l on	the date(s) opposite the undersigned	
<u>~</u>	Date 16.06-2005	Signature of inventor	(Roberto Angelo MOT, TERLINI	\leftarrow
	Date 23/6/2005	Signature of inventor	(Brian Ernest MANN	
- >	Roberto Angelo MOTTERLINI Witnessed by: Brian Ernest MANN Witnessed by:	M.A. B. Her,	ni	Date $\frac{16/6/205}{23/6/2005}$	